

# List of All Chemicals

## **P** Pavonia odorata (Malvaceae)

Common name(s)

Hina plant

\*Unless otherwise noted all references are to Duke, James A. 1992. Handbook of phytochemical constituents of GRAS herbs and other economic plants. Boca Raton, FL. CRC Press.

Chemical	Plant Part	Low PPM	High PPM	StdDev	*Reference
ALPHA-TERPINENE	Root	--	250.0	1.73	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<b>Activities (13)</b>					
ACE-Inhibitor 100 ug/ml (weak activity)					
Acaricide					
Aldose-Reductase-Inhibitor 100 ug/ml		Okamura, K., Iwakami, S., Matsunaga, T. 1992. Biological Activity of Monoterpenes from Trees. Toyama-Ken Yakuji Kenkyusho Nenpo, (20): 95-101.			
Antiacetylcholinesterase IC50=1.0 mM					
Antinitrosaminic					
Antispasmodic					
FLavor FEMA 1-40		Aloe Research Council - Duke writeup of non-peer reviewed book by Coats and draft by Henry			
Insecticide 0.86 uM/fly					
Insectifuge					
P450-2B1-Inhibitor IC50=0.76 uM					
Perfumery		Aloe Research Council - Duke writeup of non-peer reviewed book by Coats and draft by Henry			
Pesticide					
Spasmogenic					
AROMADENDRENE	Root	--	400.0		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<b>Activities (3)</b>					
Antiseptic		Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.			
Cancer-Preventive		Stitt, P. A. Why George Should Eat Broccoli. Dougherty Co, Milwaukee, WI, 1990, 399 pp.			
Pesticide					
AZULENE	Root	--	200.0		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<b>Activities (10)</b>					
Antiallergic		Iwu, M.M. 1993. Handbook of African Medicinal Plants. CRC Press, Boca Raton, FL 435 pp.			
Antibacterial 500 ppm		Valnet, J. 1982. The Practice of Aromatherapy. Translated from the 1980 French Edition by Robin Campbell and Libby Houston. Destiny Books, New York. 279 pp.			
Antihistaminic		Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.			
Antiinflammatory		Pakistan Encyclopedia Planta Medica. 1986.			
Antipyretic		HerbalGram No. 20, page 40.			
Antiseptic 6-500		Valnet, J. 1982. The Practice of Aromatherapy. Translated from the 1980 French Edition by Robin Campbell and Libby Houston. Destiny Books, New York. 279 pp.			
Antispasmodic		Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.			
Antiulcer ED50=150 (ori)					
Hepatoregenerative		Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.			
Pesticide					
EO	Root	--	5000.0	-0.42	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
ISOVALERALDEHYDE	Root	--	150.0		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<b>Activities (1)</b>					
FLavor FEMA 0.5-5		Aloe Research Council - Duke writeup of non-peer reviewed book by Coats and draft by Henry			

ISOVALERIC-ACID	Root	--	3450.0	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
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**Activities (5)**

Flavor FEMA 1-16	Aloe Research Council - Duke writeup of non-peer reviewd book by Coats and draft by Henry			
Irritant	Zebovitz, T. C. Ed. 1989. Part VII. Flavor and Fragrance Substances, in Keith L. H. and Walters, D.B., eds. Compendium of Safety Data Sheets for Research and Industrial Chemicals. VCH Publishers, New York. 3560-4253.			
Perfumery	Merck 11th Edition			
Sedative				
Tranquilizer	Huang, K. C. 1993. The Pharmacology of Chinese Herbs. CRC Press, Boca Raton, FL 388 pp.			

PAVONENE	Root	--	300.0	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
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PAVONENOL	Root	--	--	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
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